

Mixer feeder with
two vertical augers

Trioliet vertical mixer feeders...

All Trioliet mixer feeders have a very stable auger construction, supported on the chassis. As a result all forces on the mixing auger are directly absorbed by the chassis. This construction reduces the load on the mixing chamber and the drive. The compact and sealed planetary drive ensures a constant, controlled rotary movement of the cutting mixing auger. The auger bearings include a maintenance-free conical roller bearing at the top and a sinter sleeve bearing at the bottom. The optimum auger shape of the Twin Stream auger guarantees a quick and homogeneous mixing action at a low power requirement (low diesel consumption).

Horizontal Flow system...

The Trioliet mixer feeders with two and with three vertical mixing augers are equipped with special triangular inserts between the mixing augers for interaction between the front and rear mixing chamber sections, resulting in the feed not only being mixed in the usual vertical direction, but also in lengthwise direction of the wagon. That guarantees a quick and homogeneous mixing and a regular and complete discharge.

Great durability and little maintenance...

The mixing augers are mounted on heavy-duty bearing columns which in turn are built into the frame. This leaves the base of the mixing chamber and the auger drive protected from strong load pressure on the mixing auger during the processing of big bales. The entire enclosed auger drive-unit is practically maintenance free.



The new Solomix 2 series...

A larger and better-protected ladder platform improves safety, while a 3-part support speeds up hitching and unhitching. The new open discharge unit gives you a better survey on the discharge.

The new "Twin Stream" mixing auger...

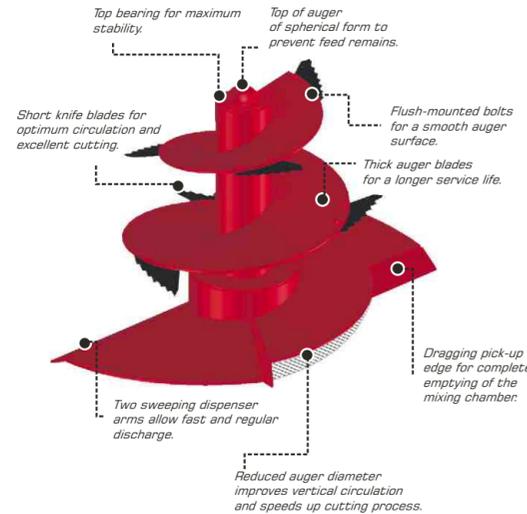
The Solomix 2 features the new Twin Stream mixing auger. This narrow diameter-mixing auger has a variety of clear advantages.

- * Feed mixing is improved as a result of the higher feed circulation speed in the mixing chamber.
- * Faster loading rate in the mixer feeder.
- * Improved and quicker cutting performance of the auger blades because the feed drops directly to the bottom of the auger. This means blades get to work faster on bales.
- * Quicker handling of round and big square bales dramatically reduce diesel costs and labour time.
- * Quicker and more even feed discharge by symmetric sweeper dispensing arms.

Solomix2 1000-3200

"Twin Stream" mixing auger

Optimum mixing, cutting and distribution.



Solomix 2, Type VLH



Types VLT and ALT are standard equipped with four single wheels on reciprocating tandemset.

A wide cross conveyor (types VL/VLT/ALT, chain conveyor (type VLS)) deposits the feed to the left or to the right, quickly and without spilling.



Large capacity and low power requirements...

The two-auger Solomix from Trioliet has an auger diameter which is small in proportion to the contents and this together with the optimal lift angle of the auger blades ensures very favourable power consumption. A relatively low HP tractor is all that is needed which means lower diesel consumption.

Tailor-made solutions for every farm...

The most commonly used types have a cross conveyor belt (type VL, VLH and VLH T) or a chain conveyor (type VLS) at the front. The types VL, VLH and VLS are produced with a single wheel axle.

The large, sturdy wheels on the types VL and AL are partly concealed in the clear space between two augers. This compact design means that the machine is easy to manage and simple to use. Type VLH T is produced with a tandem axle. For situations where feed alley access is available from one end only, a rear-discharge type (ALT) is available. This type is also produced with a tandem axle for an optimal drawbar load and a narrower track width. This design means that these machines are particularly suitable for narrow feed passages.

Standard equipment...

Type VL with front belt discharge

2 Vertical cutting and mixing augers, two manually controlled and adjustable restrictor blades, wide-angle PTO with shearing bolt, reversible drawbar for top or bottom connection, a single axle with two large wheels, cross conveyor belt at the front for distribution to the left or the right, hydraulic brakes with parking brake and remote control by bowden-cable operation. Type 1000 and 1200 VL has a drawbar for top connection.

Type VLH with front belt discharge

Standard specification is similar to the VL with a single axle and wheels under the mixing chamber.

Type VLH T with front belt discharge

Standard specification is similar to the VL but with instead of a single axle, a tandem axle with 4 wheels.

Type VLS with front chain discharge

Standard specification is similar to the VL but with instead of a conveyor belt, a conveyor chain at front and direct operation by tractor hydraulics.

In one single operation a complete daily feed ration is loaded, well mixed and discharged whilst preserving their structure.



Solomix 2, Type VLH T

The two vertical mixer augers with cutting blades and planetary gear-drive ensures a perfect TMR result, feed structure remains optimal.



Feed that is perfectly mixed and homogeneous in its consistency. Feed structure remains at its very best.

Solomix2 1000-3200

feeding

mixing

loading

cutting



Trioliet: Invents for you.